

## Requirements Statements for all items in matrix (Completed)

- Jan 27: First Prioritization Completed for development of use cases in high priority projects: Feedback session with caBIG/CBIIT management completed (Meeting held 1/26, prioritization in progress) **caEHR, caIntegrator, caB2B, TCGA AIM-E, forms services, statistical practice, rules based inferencing, and reusable semantic workflows** have risen to the top as the best examples of integration and interoperability scenarios and thus are the highest priority requirements for next round of detailed use case development. Implementing writable APIs and composed services (comprised of multiple lower level services) for existing content is also a high priority and work will begin on that almost immediately.
- Feb 2010: Round 4 - Elicitation and Use Cases development from based on Jan 27 caBIG/CBIIT input
- March 2010: Use Case Elicitation from high priority projects, CBIIT prioritization activities, including SI infrastructure services to help in assessing ECCF compliance with Semantic and Functional Profiles

							Formal Requirement Statement and Draft prioritized use cases
<u>ICR IRWG requirements</u>	Knowledge Management	Manage & Create Model Metadata	<u>Sal Mungal</u>	Baris	Baris		Formal Requirement Statement and Draft list of prioritized use cases
<u>Need for a Content Driven (Clinician Friendly) Browser</u>	Knowledge Management	Manage & Create Model Metadata	<u>Bilal Elahi</u>	Patrick	n/a	Shantanu	Formal Requirements Statement; Develop summary list of use cases (Most common queries)

							Statement
<u>Compare Semantic data</u>	Knowledge Management	Manage & Create Model Metadata	<u>Tejas Dave</u>	Baris	Baris	Patrick	Formal Requirements Statement
<u>SIW Enhancement</u>	Validation Enterprise Vocabulary	part of Manage & Create Metadata  Align Models	<u>Sharon Gaheen</u> <u>Sal Mungal</u>	Baris	Baris	Patrick	Formal Requirements Statement and Use Case Summary

<u>Automate</u>	Knowledge Management	Manage & Create Model Metadata	<u>Sal Mungal</u>	Patrick	n/a	Patrick	<u>Formal Requirements Statement and 2-4 Summary Use Cases</u>	<u>Formal Requirements Statement</u>
<u>Allow users to bulk load unannotated content to MDR</u>	Knowledge Management	Manage & Create Model Metadata	<u>Denise Warzel</u> <u>Dianne Reeves</u>	Baris	Baris			<u>Formal Requirements Statement</u>
<u>Ad Hoc Reporting features</u>	Knowledge Management	Manage & Create Model Metadata	<u>Denise Warzel</u>	Shantanu	n/a			<u>Summary Requirements statement</u>

							Formal Requirements Statement
							Formal Requirements Statement
<u>EU MDR requirements</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Hannes Niedner</u>	Patrick	Hua		
<u>LS DAM refinement and utilization</u>	Knowledge Management / Transformation  Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Frank Hartel</u>	Patrick		Patrick	Formal Requirements statement; Summary Use Cases
MD Anderson Federated Registries	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Michael Riben</u>	Patrick			
cancerGrid Federated Registries	Constraint	Supplement Specification Req. for	<u>Steve Harris</u>				Formal Requirements Statement;

	Reuse vocabulary	Create Model Metadata Align Models	<u>Frank Hartel</u>	Patrick	Requirements Statement
<u>21090 Datatype Support</u>	Knowledge Management  Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Christo Andonyadis</u>	Patrick	See 21090 Datatype Support
<u>USHIK and metadata reuse</u>	Knowledge Management  Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Frank Hartel</u>	Patrick	Formal Requirements Statement, Summary Use Cases
<u>reqs sharing</u> (Support metadata for Statistical Practice)	Knowledge Management  Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Sue Dubman</u>	Shantanu	Shantanu Formal Requirements Statement;

Requirements Statement					
Usage Tracking/Statistics for Semantic Infrastructure Services	Constraint	In supplementary specification Model Admin. Requirement	Sal Mungal	Ken Buetow	
<u>Enabling AutoCompletion In Creating Ontologies</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata Align Models	Jyoti Pathak	Shantanu	Shantanu
<u>Formal representation of policies and regulations</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata Align Models	Hannes Niedner	Shantanu	
Conformance Profiles	Knowledge Management	Manage & Create Model	Frank Hartel interview:	Baris	Baris

<u>SPARQL Endpoint for LexEVS</u>	Knowledge Management	Manage & Create Model Metadata Align Models	<u>Iyoti Pathak</u>		Formal Requirements Statement
<u>Semantic integration with external communities</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata Align Models	<u>Frank Hartel</u>	Patrick	Formal Requirements Statement
<u>Support for use of Semantic Web Technologies in caBIG</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata Align Models	<u>Joshua Phillips</u>	Patrick	Formal Requirements Statement
<u>ICR IRWG requirements</u>	Knowledge Management	Search Models	<u>Robert Freimuth</u>	Shantanu	Formal Requirements Statement

<u>Management and upgrade mechanism</u>	Page Management	Model Administration	<u>Guoqian Jiang</u>	Patrick	Hua		Formal Requirements Statement
<u>Debugging of Terminology Mappings</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Jyoti Pathak</u>	Patrick	n/a	Shantanu	Formal Requirements Statement and 2-3 Summary Use Cases
<u>Integration of multiple terminologies</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Align Models	<u>Hannes Niedner</u>	Patrick			Formal Requirements Statement
<u>Integration of LexEVS valuesets management with LexWiki</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata	<u>Guoqian Jiang</u>	Hua			Formal Requirements Statement

				Patrick	Shantanu	Shantanu	Shantanu
		Metadata Search Models Align Models					other materials
<u>UML Modeling in different "Layers"</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata Align Models	<u>Brian Davis</u>	Shantanu	n/a	Shantanu	Formal Requirements Statement
CDISC SHARE	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata Align Models	<u>Margaret Haber</u>	Baris			Formal Requirements Statement
<u>Ontology enabled indexing of literature</u>	Knowledge Management/Transformation Enterprise Vocabulary	Manage & Create Model Metadata Search Models Align Models	<u>Frank Hartel</u>	Shantanu	n/a	Patrick	Formal Requirements Template Decomposed forum and other

					Formal Requirements Statement; Detailed Use Cases in Round 4
<u>ES and CS Business Architecture Modeling Use Cases</u>	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Search Models Align Models	<u>Juli Klemm</u>	Denise	Formal Requirements Statement
Seamless integration of Data and Services through workflows	Knowledge Management	Manage & Create Model Metadata  Search Models	<u>Anand Basu</u>	Denise	C - CBIIT Interview
Contractor and Software Vendor Application Development Support	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Search Models Align Models	<u>Patrick McConnell</u>	Denise	Formal Requirements Statement

Harmonize and reuse metadata across different terminologies	Knowledge Management Enterprise Vocabulary	Manage & Create Model Metadata  Search Models Align Models	<u>Dianne Reeves</u>	Denise	Formal Requirements Statement and Use Cases
US Department of Defense (USDOD)	NA	No Requirement Specified	<u>Nancy Lawler</u>		Formal Requirements Statement
Rules/OWL2 Based Inferencing	NA	No Requirement Specified	<u>Cecil Lynch</u>		Formal Requirements Statement
HHS OS - <u>Data.gov</u>	NA				

## Structure -

- ◆ **IS09 Validation** - The Validation service verifies structural and semantic consistency across messages used in interoperability scenarios.
- ◆ **IS10 Transformation** - The Transformation service provides a functional end point to manage and enact mappings between syntactically disparate information types.
- ◆ **IS11 Knowledge Management** - Knowledge Management service represents a series of capabilities around the storage, versioning, searching, discovery, and expression of the semantics supporting key capabilities.
- ◆ **IS12 Service Contract Management** - Service Contract Management service represents a series of capabilities around the storage, versioning, searching, discovery and expression of the contract semantics supporting interoperability.
- ◆ **IS13 Enterprise Vocabulary** - Enterprise Vocabulary services support the management, storage, and mapping of terminologies and value sets.
- Topic - is the forum topic title off the request whether it be from the Spring Requirements Forum, the Winter Requirements Forum or a title given to a request that came directly from a customer or

